### RADIOLOGY HCPCS CODES SUBJECT TO THE PAYMENT LIMIT

## HCPCS CODE\*

# DIAGNOSTIC RADIOLOGY (DIAGNOSTIC IMAGING)

### **HEAD AND NECK:**

70010	Myelography, posterior fossa, radiological supervision and interpretation	
70015	Cisternography, positive contrast, radiological supervision and interpretation	
70030	Radiologic examination, eye, for detection of foreign body	
70100	Radiologic examination, mandible; partial, less than four views	
70110	Radiologic examination, mandible; complete, minimum of four views	
70120	Radiologic examination, mastoids; less than three views per side	
70130	Radiologic examination, mastoids; complete, minimum of three views per side	
70134	Radiologic examination, internal auditory meati, complete	
70140	Radiologic examination, facial bones; less than three views	
70150	Radiologic examination, facial bones; complete, minimum of three views	
70160	Radiologic examination, nasal bones, complete, minimum of three views	
70170	Dacryocystography, nasolacrimal duct, radiological supervision and interpretation	
70190	Radiologic examination; optic foramina	
70200	Radiologic examination; orbits, complete, minimum of four views	
70210	Radiologic examination, sinuses, paranasal, less than three views	
70220	Radiologic examination, sinuses, paranasal, complete, minimum of three views	
70240	Radiologic examination, sella turcica	
70250	Radiologic examination, skull; less than four views, with or without stereo	
70260	Radiologic examination, skull; complete, minimum of four views, with or without stereo	
70300	Radiologic examination, teeth; single view	
70310	Radiologic examination, teeth; partial examination, less than full mouth	
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70320	Radiologic examination, teeth; complete, full mouth
70328	Radiologic examination, temporomandibular joint, open and closed mouth; unilateral
70330	Radiologic examination, temporomandibular joint, open and closed mouth; bilateral
70332	Temporomandibular joint arthrography, radiological supervision and interpretation
70336	Magnetic resonance (e.g., proton) imaging, temporomandibular joint
70350	Cephalogram, orthodontic
70355	Orthopantogram
70360	Radiologic examination; neck, soft tissue
70370	Radiologic examination; pharynx or larynx, including fluoroscopy and/or magnification technique
70371	Complex dynamic pharyngeal and speech evaluation by cine or video recording
70373	Laryngography, contrast, radiological supervision and interpretation
70380	Radiologic examination, salivary gland for calculus
70390	Sialography, radiological supervision and interpretation
70450	Computerized axial tomography, head or brain; without contrast material
70460	Computerized axial tomography, head or brain; with contrast material(s)
70470	Computerized axial tomography, head or brain; without contrast material, followed by contrast material(s) and further sections
70480	Computerized axial tomography, orbit, sella, or posterior fossa or outer middle, or inner ear; without contrast material
70481	Computerized axial tomography, orbit, sella, or posterior fossa or outer middle, or inner ear; with contrast material(s)
70482	Computerized axial tomography, orbit, sella, or posterior fossa or outer middle, or inner ear; without contrast material, followed by contrast material(s) and further sections
70486	Computerized axial tomography, maxillofacial area; without contrast material
70487	Computerized axial tomography, maxillofacial area; with contrast material(s)

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71060	Bronchography, bilateral, radiological supervision and interpretation
71090	Insertion pacemaker, fluoroscopy and radiography, radiological supervision and interpretation
71100	Radiologic examination, ribs, unilateral; two views
71101	Radiologic examination, ribs, unilateral; including posteroanterior chest, minimum of three views
71110	Radiologic examination, ribs, bilateral; three views
71111	Radiologic examination, ribs, bilateral; including posteroanterior chest, minimum of four views
71120	Radiologic examination; sternum, minimum of two views
71130	Radiologic examination; sternoclavicular joint or joints, minimum of three views
71250	Computerized axial tomography, thorax; without contrast material
71260	Computerized axial tomography, thorax; with contrast material(s)
71270	Computerized axial tomography, thorax; without contrast material, followed by contrast material(s) and further sections
71550	Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy)
SPINE A	ND PELVIS:
72010	Radiologic examination, spine, entire, survey study, anteroposterior and lateral
72020	Radiologic examination, spine, single view, specify level
72040	Radiologic examination, spine, cervical; anteroposterior and lateral
72050	Radiologic examination, spine, cervical; minimum of four views
72052	Radiologic examination, spine, cervical; complete, including oblique and flexion and/or extension studies
72069	Radiologic examination, spine, thoracolumbar, standing (scoliosis)
72070	Radiologic examination, spine; thoracic, anteroposterior and lateral
72072	Radiologic examination, spine; thoracic, anteroposterior and lateral, including swimmer's view of the cervicothoracic junction
72074	Radiologic examination, spine; thoracic, complete, including obliques, minimum of four views
72080	Radiologic examination, spine; thoracolumbar, anteroposterior and lateral

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72157	Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic
72158	Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar
72170	Radiologic examination, pelvis; anteroposterior only
72190	Radiologic examination, pelvis; complete, minimum of three views
72192	Computerized axial tomography, pelvis; without contrast material
72193	Computerized axial tomography, pelvis; with contrast material(s)
72194	Computerized axial tomography, pelvis; without contrast material, followed by contrast material(s) and further sections
72196	Magnetic resonance (e.g., proton) imaging, pelvis
72200	Radiologic examination, sacroiliac joints; less than three views
72202	Radiologic examination, sacroiliac joints; three or more views
72220	Radiologic examination, sacrum and coccyx, minimum of two views
72240	Myelography, cervical, radiological supervision and interpretation
72255	Myelography, thoracic, radiological supervision and interpretation
72265	Myelography, lumbosacral, radiological supervision and interpretation
72270	Myelography, entire spinal canal; radiological supervision and interpretation
72285	Diskography, cervical; radiological supervision and interpretation
72295	Diskography, lumbar; radiological supervision and interpretation
UPPER 1	EXTREMITIES:
73000	Radiologic examination; clavicle, complete
73010	Radiologic examination; scapula, complete
73020	Radiologic examination, shoulder; one view
73030	Radiologic examination, shoulder; complete, minimum of two views
73040	Radiologic examination, shoulder, arthrography; radiological supervision and interpretation
73050	Radiologic examination; acromioclavicular joints, bilateral, with or without weighted distraction

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73550	Radiologic examination, femur, anteroposterior and lateral views
73560	Radiologic examination, knee; anteroposterior and lateral views
73562	Radiologic examination, knee; anteroposterior and lateral, with oblique(s), minimum of three views
73564	Radiologic examination, knee; complete, including oblique(s), and tunnel, and/or patella and/or standing views
73565	Both knees, standing, anteroposterior
73580	Radiologic examination, knee, arthrography; radiological supervision and interpretation
73590	Radiologic examination; tibia and fibula, anteroposterior and lateral views
73592	Radiologic examination; lower extremity, infant, minimum of two views
73600	Radiologic examination, ankle; anteroposterior and lateral views
73610	Radiologic examination, ankle; complete, minimum of three views
73615	Radiologic examination, ankle, arthrography; radiological supervision and interpretation
73620	Radiologic examination, foot; anteroposterior and lateral views
73630	Radiologic examination, foot; complete, minimum of three views
73650	Radiologic examination; calcaneus, minimum of two views
73660	Radiologic examination; toe or toes, minimum of two views
ABDOM	<u>IEN</u> :
73700	Computerized axial tomography, lower extremity; without contrast material
73701	Computerized axial tomography, lower extremity; with contrast material(s)
73702	Computerized axial tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections
73720	Magnetic resonance (e.g., proton) imaging, lower extremity, other than joint
73721 74000	Magnetic resonance (e.g., proton) imaging, any joint of lower extremity Radiologic examination, abdomen; single anteroposterior view
74010	Radiologic examination, abdomen; anteroposterior and additional oblique and cone views

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tube

Duodenography, hypotonic

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74270	Radiologic examination, colon; barium enema, with or without KUB
74280	Radiologic examination, colon; air contrast with specific high density barium, with or without glucagon
74283	Barium enema, therapeutic; for reduction of intussusception
74290	Cholecystography, oral contrast;
74291	Cholecystography, oral contrast; additional or repeat examination or multiple day examination
74305	Cholangiography and/or pancreatography; postoperative, radiological supervision and interpretation
74320	Cholangiography, percutaneous, transhepatic; radiological supervision and interpretation
74327	Postoperative biliary duct stone removal, percutaneous via T-tube tract, basket or snare (eg, Burhenne technique), radiological supervision and interpretation
74328	Endoscopic catheterization of the biliary ductal system, radiological supervision and interpretation
74329	Endoscopic catheterization of the pancreatic ductal system, radiological supervision and interpretation
74330	Combined endoscopic catheterization of the biliary and pancreatic ductal systems, radiological supervision and interpretation
74340	Introduction of long gastrointestinal tube (e.g., Miller-Abbott), including multiple fluoroscopies and films, radiological; supervision and interpretation
74350	Percutaneous placement of gastrostomy tube, radiological supervision and interpretation
74355	Percutaneous placement of enteroclysis tube, radiological supervision and interpretation
74360	Intraluminal dilation of strictures and/or obstructions (e.g., esophagus), radiological supervision and interpretation
74363	Percutaneous transhepatic dilatation of biliary duct stricture with or without placement of stent, radiological supervision and interpretation
URINAR	RY TRACT:
74400	Urography (pyelography), intravenous, with or without KUB, with or without tomography;
74405	Urography (pyelography), intravenous, with or without KUB, with or without tomography; with special hypertensive contrast concentration and/or clearance studies
74410	Urography, infusion, drip technique and/or bolus technique;
74415	Urography, infusion, drip technique and/or bolus technique; with
I-10	nephrotomography Rev. 1690

BILL REVIEW

ADDENDUM I (Cont.)

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# **AORTA AND ARTERIES**:

75600	Aortography, thoracic, without serialography, radiological supervision and interpretation
75605	Aortograpy, thoracic, by serialography, radiological supervision and interpretation
75625	Aortography, abdominal, by serialography, radiological supervision and interpretation
75630	Aortography, abdominal plus bilateral iliofemoral lower extremity, catheter, by serialography, radiological supervision and interpretation
75650	Angiography, cervicocerebral, catheter, including vessel origin, radiological supervision and interpretation
75658	Angiography, brachial, retrograde, radiological supervision and interpretation
75660	Angiography, external carotid, unilateral, selective, radiological supervision and interpretation
75662	Angiography, external carotid, bilateral, selective, radiological supervision and interpretation
75665	Angiography, carotid, cerebral, unilateral, radiological supervision and interpretation
75671	Angiography, carotid, cerebral, bilateral, radiological supervision and interpretation
75676	Angiography, carotid, cervical, unilateral, radiological supervision and interpretation
75680	Angiography, carotid, cervical, bilateral, radiological supervision and interpretation
75685	Angiography, vertebral, cervical, and/or intracranial, radiological supervision and interpretation
75705	Angiography, spinal, selective, radiological supervision and interpretation
75710	Angiography, extremity, unilateral, radiological supervision and interpretation
75716	Angiography, extremity, bilateral, radiological supervision and interpretation
75722	Angiography, renal, unilateral, selective (including flush aortogram), radiological supervision and interpretation
75724	Angiography, renal, bilateral, selective (including flush aortagram), radiological supervision and interpretation
75726	Angiography, visceral; selective or supraselective (with or without flush aortogram), radiological supervision and interpretation

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75731	Angiography, adrenal, unilateral, selective, ra	diological supervision	and interpretation
75733	Angiography, adrenal, bilateral, selective, rad	iological supervision	and interpretation
75736	Angiography, pelvic; selective or supraselection	ve, radiological super	vision and
75741	Angiography, pulmonary, unilateral, selective interpretation	e, radiological supervis	sion and
75743	Angiography, pulmonary, bilateral, selective, interpretation	radiological supervisi	on and
75746	Angiography, pulmonary, by nonselective cat supervision and interpretation	heter or venous injecti	ion, radiological
75756	Angiography, internal mammary, radiological	supervision and inter	pretation
75774	Angiography, selective, each additional vesse radiological supervision and interpretation	l studied after basic ex	kamination,
75790	Angiography, arteriovenous shunt (eg, dialysi interpretation	s patient), radiologica	l supervision and
VEINS A	AND LYMPHATICS:		
75801	Lymphangiography, extremity only, unilatera interpretation	l, radiological supervi	sion and
75803	Lymphangiography, extremity only, bilateral, interpretation	radiological supervisi	ion and
75805	Lymphangiography, pelvic/abdominal, unilate interpretation	eral, radiological super	rvision and
75807	Lymphangiography, pelvic/abdominal, bilater interpretation	al, radiological superv	vision and

75809	Shuntogram for investigation of previously placed indwelling nonvascular shunt (e.g. LeVeen shunt, ventriculoperitoneal shunt), radiological supervision and interpretation
75810	Splenoportography, radiological supervision and interpretation
75820	Venography, extremity, unilateral, radiological supervision and interpretation
75822	Venography, extremity, bilateral, radiological supervision and interpretation
75825	Venography, caval, inferior, with serialography, radiological supervision and interpretation
75827	Venography, caval, superior, with serialography, radiological supervision and interpretation
75831	Venography, renal, unilateral, selective, radiological supervision and interpretation
75833	Venography, renal, bilateral, selective, radiological supervision and interpretation
75840	Venography, adrenal, unilateral, selective, radiological supervision and interpretation
75842	Venography, adrenal, bilateral, selective, radiological supervision and interpretation
75860	Venography, sinus or jugular, catheter, radiological supervision and interpretation
75870	Venography, superior sagittal sinus, radiological supervision and interpretation
75872	Venography, epidural, radiological supervision and interpretation
75880	Venography, orbital, radiological supervision and interpretation
75885	Percutaneous transhepatic portography with hemodynamic evaluation, radiological supervision and interpretation
75887	Percutaneous transhepatic portography without hemodynamic evaluation, radiologica supervision and interpretation
75889	Hepatic venography wedged or free, with hemodynamic evaluation, radiological supervision and interpretation
75891	Hepatic venography, wedged or free, without hemodynamic evaluation, radiological supervision and interpretation
75893	Venous sampling through catheter, with or without angiography (e.g., for parathyroid hormone, renin), radiological supervision and interpretation

# TRANSCATHETER THERAPY AND BIOPSY:

75894 Transcatheter therapy, embolization, any method, radiological supervision and interpretation

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TRANSLUMINAL ATHERECTOMY:

75992 Transluminal atherectomy, peripheral artery, radiological supervision and interpretation

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(i.e., fluoroscopy, ultrasound, or computed tomography), with or without placement of indwelling catheter, radiological supervision and interpretation; complete procedure

75993	Transluminal atherectomy, each additional peripheral artery, radiological supervision and interpretation
75994	Transluminal atherectomy, renal, radiological supervision and interpretation
75995	Transluminal atherectomy, visceral, radiological supervision and interpretation
75996	Transluminal atherectomy, each additional visceral artery, radiological supervision and interpretation
MISCEL	LANEOUS:
76000	Fluoroscopy (separate procedure), up to one hour physician time, other than 71023 or 71034 (e.g., cardiac fluoroscopy)
76001	Fluoroscopy, physician time more than one hour, assisting a nonradiologic physician (e.g., nephrostolithotomy, ERCP, bronchoscopy, transbronchial biopsy)
76003	Fluoroscopic localization for needle biopsy or fine needle aspiration
76010	Radiologic examination from nose to rectum for foreign body, single film, child
76020	Bone age studies
76040	Bone length studies (orthoroentgenogram, scanogram)
76061	Radiologic examination, osseous survey; limited (e.g., for metastases)
76062	Radiologic examination, osseous survey; complete (axial and appendicular skeleton)
76065	Radiologic examination osseous survey; infant
76066	Joint survey, single view, one or more joints (specify)
76070	Computerized tomography, bone density study
76075	Dual energy x-ray absorptiometry (DEXA), bone density study
76080	Radiologic examination, fistula or sinus tract study, radiological supervision and interpretation
76086	Mammary ductogram or galactogram, single duct, radiological supervision and interpretation
76088	Mammary ductogram or galactogram, multiple ducts, radiological supervision and interpretation
76090	Mammography; unilateral
76091	Mammography; bilateral
76093	Magnetic resonance imaging, breast, without and/or with contrast material(s); unilateral
76094	Magnetic resonance imaging, breast, without and/or with contrast material(s); bilateral
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76516	Ophthalmic biometry by ultrasound echography, A-scan;
76519	Ophthalmic biometry by ultrasound echography, A-scan; with intraocular lens power calculation
76529	Ophthalmic ultrasonic foreign body localization
76536	Echography, soft tissues of head and neck (e.g., thyroid, parathyroid, parotid), B-scan and/or real time with image documentation
<u>CHEST</u> :	
76604	Echography, chest, B-scan (includes mediastinum) and/or real time with image documentation
76645	Echography, breast(s) (unilateral or bilateral), B-scan and/or real time with image documentation
ABDOM	IEN AND RETROPERITONEUM:
76700	Echography, abdominal, B-scan and/or real time with image documentation; complete
76705	Echography, abdominal, B-scan and/or real time with image documentation; limited (e.g., single organ, quadrant, follow-up)
76770	Echography, retroperitoneal (e.g., renal, aorta, nodes), B-scan and/or real time with image documentation; complete
76775	Echography, retroperitoneal (e.g., renal, aorta, nodes), B-scan and/or real time with image documentation; limited
76778	Echography of transplanted kidney, B-scan and/or real time with image documentation, with or without duplex Doppler studies
SPINAL	<u>CANAL</u> :
76800	Echography, spinal canal and contents
<u>PELVIS</u>	
76805	Echography, pregnant uterus, B-scan and/or real time with image documentation; complete (complete fetal and maternal evaluation)
76810	Echography, pregnant uterus, B-scan and/or real time with image documentation; complete (complete fetal and maternal evaluation), multiple gestation, after the first trimester
76815	Echography, pregnant uterus, B-scan and/or real time with image documentation; limited (gestational age, heart beat, placental location, fetal position, or emergency in the delivery room)
76816	Echography, pregnant uterus, B-scan and/or real time with image documentation; follow up or repeat
76818	Fetal biophysical profile
76825	Echocardiography, fetal, cardiovascular system, real time with image documentation (2D) with or without M-mode recording;
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**GENITALIA**:

<u>CETAMONIC GOLDANCE I ROCEDORES</u> .		
76930	Ultrasonic guidance for pericardiocentesis, radiological supervision and interpretation	
76932	Ultrasonic guidance for endomyocardial biopsy, radiological supervision and interpretation	
76934	Ultrasonic guidance for thoracentesis or abdominal paracentesis, radiological supervision and interpretation	
76936	Ultra sound guided compression repair of arterial pseudo-aneurysm or arteriovenous fistulae (includes diagnostic ultrasound evaluation, compression of lesion and imaging	
76938	Ultrasonic guidance for cyst (any location), or renal pelvis aspiration, radiological supervision and interpretation	
76941	Ultrasonic guidance for intrauterine fetal transfusion or cordocentesis, radiological supervision and interpretation	
76942	Ultrasonic guidance for needle biopsy, radiological supervision and interpretation	
76945	Ultrasonic guidance for chorionic villus sampling, radiological supervision and interpretation	
76946	Ultrasonic guidance for amniocentesis, radiological supervision and interpretation	

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76948	Ultrasonic guidance for aspiration of ova, radiological supervision and interpretation
76950	Echography for placement of radiation therapy fields, B-scan
76960	Ultrasonic guidance for placement of radiation therapy fields, except for B-scan echography
76965	Ultrasonic guidance for interstitial radioelement application
MISCEL	LANEOUS:
76970	Ultrasound study follow-up (specify)
76975	Gastrointestinal endoscopic ultrasound, radiological supervision and interpretation
76986	Echography, intraoperative
	RADIATION ONCOLOGY
CLINIC	AL TREATMENT PLANNING (EXTERNAL AND INTERNAL SOURCES):
77280	Therapeutic radiology simulation-aided field setting; simple
77285	Therapeutic radiology simulation-aided field setting; intermediate
77290	Therapeutic radiology simulation-aided field setting; complex
77295	Therapeutic radiology simulation-aided field setting; by three- dimensional reconstruction of tumor volume in preparation for treatment with non-coplanar therapy beams
MEDICA SERVIC	AL RADIATION PHYSICS, DOSIMETRY, TREATMENT DEVICES AND SPECIAL ES
77300	Basic radiation dosimetry calculation, central axis depth dose, TDF, NSD, gap calculation, off axis factor, tissue inhomogeneity factors, as required during course of treatment, only when presribed by the treating physician
77305	Teletherapy, isodose plan (whether hand or computer calculated); simple (one or two parallel opposed unmodified ports directed to a single area of interest)
77310	Teletherapy, isodose plan (whether hand or computer calculated); intermediate (three or more treatment ports directed to a single area of interest)
77315	Teletherapy, isodose plan (whether hand or computer calculated); complex (mantel or inverted Y, tangential ports, the use of wedges, compensators, complex blocking, rotational beam, or special beam considerations)
77321	Special teletherapy port plan, particles, hemi-body, total body
77326	Brachytherapy isodose calculation; simple (calculation made from single plane, one to four source/ribbon application), remote afterloading, 1 to 8 sources

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77327	Brachytherapy isodose calculation; intermediate (multiple dosage calculations, application)	n
	involving five to ten sources/ribbons, remote afterloading brachytherapy, 9 to 12 sources	3)

- 77328 Brachytherapy isodose calculation; complex (multiplane isodose plan, volume implant calculations, over ten sources/ribbons used, special spatial reconstruction, remote afterlanding brachytherapy, over 12 sources)
- 77331 Special dosimetry (e.g., TLD, microdosimetry) (specify), only when prescribed by the treating physician
- 77332 Treatment devices, design and contruction; simple (simple block, simple bolus)
- 77333 Treatment devices, design and contruction; intermediate (multiple blocks, stents, bite blocks, special bolus)
- 77334 Treatment devices, design and contruction; complex (irregular blocks, special shields, compensators, wedges, molds or casts)
- Continuing medical radiation physics consultation in support of therapeutic radiologist. 77336 including continuing quality assurance reported per week of therapy
- 77370 Special medical radiation physics consultation

#### RADIATION TREATMENT DELIVERY:

- 77401 Radiation treatment delivery, superficial and/or ortho voltage
- 77402 Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; up to 5 MeV
- Radiation treatment delivery, single treatment area, single port or parallel opposed ports, 77403 simple blocks or no blocks; 6-10 MeV
- 77404 Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 11-19 MeV
- 77406 Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 20 MeV or greater
- Radiation treatment delivery, two separate treatment areas, three or more ports on a single 77407 treatment area, use of multiple blocks; up to 5 MeV
- Radiation treatment delivery, two separate treatment areas, three or more ports on a single 77408 treatment area, use of multiple blocks; 6-10 MeV
- 77409 Radiation treatment delivery, two separate treatment areas, three or more ports on a single treatment area, use of multiple blocks: 11-19 MeV
- 77411 Radiation treatment delivery, two separate treatment areas, three or more ports on a single treatment area, use of multiple blocks; 20 MeV or greater

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- Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, special particle beam (e.g., electron or neutrons); up to 5 MeV
- Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, special particle beam (e.g., electron or neutrons); 6-10 MeV
- Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, special particle beam (e.g., electron or neutrons); 11-19 MeV
- Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, special particle beam (e.g., electron or neutrons); 20 MeV or greater
- 77417 Therapeutic radiology port film(s)

### **CLINICAL TREATMENT MANAGEMENT:**

Special treatment procedure (e.g., total body irradiation, hemibody irradiation, per oral, vaginal cone irradiation)

#### **HYPERTHERMIA**:

- 77600 Hyperthermia, externally generated; superficial (i.e., heating to a depth of 4 cm or less)
- 77605 Hyperthermia, externally generated; deep (i.e., heating to depths greater than 4 cm)
- 77610 Hyperthermia generated by interstitial probe(s); 5 or fewer interstitial applicators
- 77615 Hyperthermia generated by interstitial probe(s); more than 5 interstitial applicators

#### CLINICAL INTRACAVITARY HYPERTHERMIA:

77620 Hyperthermia generated by intracavitary probe(s)

#### CLINICAL BRACHYTHERAPY:

- 77750 Infusion or instillation of radioelement solution
- 77761 Intracavitary radioelement application; simple
- 77762 Intracavitary radioelement application; intermediate
- 77763 Intracavitary radioelement application; complex
- 77776 Interstitial radioelement application; simple

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77777	Interstitial radioelement application; intermediate	
77778	Interstitial radioelement application; complex	
77781	Remote afterloading high intensity brachytherapy; 1-4 source positions or ca	theters
77782	Remote afterloading high intensity brachytherapy; 5-8 source positions or ca	theters
77783	Remote afterloading high intensity brachytherapy; 9-12 source positions or c	atheters
77784	Remote afterloading high intensity brachytherapy; Over 12 source positions of	or catheters
77789	Surface application of radioelement	
77790	Supervision, handling, loading of radioelement	
	NUCLEAR MEDICINE - DIAGNOSTIC	
ENDOC	OCRINE SYSTEM:	
78000	Thyroid uptake; single determination	
78001	Thyroid uptake; multiple determinations	
78003	Thyroid uptake; stimulation, suppression or discharge (not including initiatudies)	tial uptake
78006	Thyroid imaging, with uptake; single determination	
78007	Thyroid imaging, with uptake; multiple determinations	
78010	Thyroid imaging; only	
78011	Thyroid imaging; with vascular flow	
78015	Thyroid carcinoma metastases imaging; limited area (e.g., neck and chest on	ly)
78016	Thyroid carcinoma metastases imaging; with additional studies (e.g., urinary	recovery)
78017	Thyroid carcinoma metastases imaging; multiple areas	
78018	Thyroid carcinoma metastases imaging; whole body	
78070	Parathyroid imaging	
78075	Adrenal imaging, cortex and/or medulla	
<u>HEMA</u>	ATOPOIETIC, RETICULOENDOTHELIAL AND LYMPHATIC SYSTEM:	
78102	Bone marrow imaging; limited area	
78103	Bone marrow imaging; multiple areas	

78104	Bone marrow imaging; whole body
78110	Plasma volume, radiopharmaceutical volume-dilution technique (separate procedure); single sampling
78111	Plasma volume, radiopharmaceutical volume-dilution technique (separate procedure); multiple samplings
78120	Red cell volume determination (separate procedure); single sampling
78121	Red cell volume determination (separate procedure); multiple samplings
78122	Whole blood volume determination, including separate measurement of plasma volume and red cell volume (radiopharmaceutical volume-dilution technique)
78130	Red cell survival study;
78135	Red cell survival study; differential organ/tissue kinetics, (e.g., splenic and/or hepatic sequestration)
78140	Labeled red cell sequestration, differential organ/tissue, (e.g., splenic and/or hepatic)
78160	Plasma radioiron disappearance (turnover) rate
78162	Radioiron oral absorption
78170	Radioiron red cell utilization
78185	Spleen imaging only, with or without vascular flow
78190	Kinetics, study of platelet survival, with or without differential organ/tissue localization
78191	Platelet survival study
78195	Lymphatics and lymph glands imaging
GASTR	OINTESTINAL SYSTEM:
78201	Liver imaging; static only
78202	Liver imaging; with vascular flow
78205	Liver imaging (SPECT)
78215	Liver and spleen imaging; static only
78216	Liver and spleen imaging; with vascular flow
78220	Liver function study with hepatobiliary agents, with serial images
78223	Hepatobiliary ductal system imaging, including gallbladder, with or without pharma- cologic intervention, with or without quantitative measurement of gallbladder function
78230	Salivary gland imaging

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78231	Salivary gland imaging; with serial images
78232	Salivary gland function study
78258	Esophageal motility
78261	Gastric mucosa imaging
78262	Gastroesophageal reflux study
78264	Gastric emptying study
78270	Vitamin B-12 absorption study (e.g., Schilling test); without intrinsic factor
78271	Vitamin B-12 absorption study (e.g., Schilling test); with intrinsic factor
78272	Vitamin B-12 absorption studies combined, with and without intrinsic factor
78278	Acute gastrointestinal blood loss imaging
78290	Bowel imaging (e.g., ectopic gastric mucosa, Meckel's localization, volvulus)
78291	Peritoneal-venous shunt patency test (e.g., for LeVeen shunt, Denver shunt)
MUSCL	JLOSKELETAL SYSTEM:
78300	Bone and/or joint imaging; limited area
78305	Bone and/or joint imaging; multiple areas
78306	Bone and/or joint imaging; whole body
78315	Bone and/or joint imaging; by three phase technique
78320	Bone and/or joint imaging, tomographic (SPECT)
78350	Bone density (bone mineral content) study; single photon absorptiometry
CARDIO	OVASCULAR SYSTEM:
78428	Cardiac shunt detection
78445	Vascular flow imaging (i.e., angiography, venography)
78455	Venous thrombosis study (e.g., radioactive fibrinogen)
78457	Venous thrombosis imaging (e.g., venogram); unilateral
78458	Venous thrombosis imaging (e.g., venogram); bilateral
78460	Myocardial perfusion imaging; single study, at rest or stress (exercise and/or pharmacologic), qualitative or quantitative

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78461	Myocardial perfusion imaging; multiple studies, at rest and/or stress (exercise and/or pharmacologic), and redistribution and/or rest injection, qualitative or quantitative
78464	Myocardial perfusion imaging; tomographic (SPECT), single study at rest or stress (exercise and/or pharmacologic), with or without quantitation
78465	Myocardial perfusion imaging; tomographic (SPECT), multiple studies, at rest and/or stress (exercise and/or pharmacologic) and redistribution and/or rest injection, qualitative or quantitative
78466	Myocardial imaging, infarct avid, planar; qualitative or quantitative
78468	Myocardial imaging, infarct avid, planar; with ejection fraction by first pass technique
78469	Myocardial imaging, infarct avid, planar; tomographic SPECT with or without quantitation
78472	Cardiac blood pool imaging, gated equilibrium; single study at rest or stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without additional quantitative processing
78473	Cardiac blood pool imaging, gated equilibrium; multiple studies, wall motion study plus ejection fraction, at rest and stress (exercise and/or pharmacologic), with or without additional quantification
78478	Myocardial perfusion study with wall motion, qualitative or quantitative study (list separately in addition to code for primary procedure) (Use only for codes 78460, 78461, 78464, 78465)
78480	Myocardial perfusion study with ejection fraction (list separately in addition to code for primary procedure)(Use only for codes 78460, 78461, 78464, 78465)
78481	Cardiac blood pool imaging, first pass technique; single study, at rest or during stress (exercise and/or pharmacologic) wall motion study plus ejection fraction, with or without quantitative processing
78483	Cardiac blood pool imaging, first pass technique; multiple studies, at rest and during stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without additional quantitative processing
RESPIRA	ATORY SYSTEM:
78580	Pulmonary perfusion imaging; particulate
78584	Pulmonary perfusion imaging, particulate, with ventilation; single breath
78585	Pulmonary perfusion imaging, particulate, with ventilation; rebreathing and washout, with or without single breath
78586	Pulmonary ventilation imaging, aerosol; single projection
78587	Pulmonary ventilation imaging, aerosol; multiple projections (e.g., anterior, posterior, lateral views)

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78710 Kidney imaging; tomographic (SPECT)

78704

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Kidney imaging: with function study (i.e., imaging renogram)

Kidney imaging; with vascular flow and function study

78715	Kidney vascular flow only
78725	Kidney function study; without pharmacologic intervention
78726	Kidney function study including with pharmacologic intervention
78727	Kidney transplant evaluation
78730	Urinary bladder residual study
78740	Ureteral reflux study (radiopharmaceutical voiding cystogram)
78760	Testicular imaging;
78761	Testicular imaging; with vascular flow
MISCEL	LANEOUS STUDIES:
78800	Radiopharmaceutical localization of tumor; limited area
78801	Radiopharmaceutical localization of tumor; multiple areas
78802	Radiopharmaceutical localization of tumor; whole body
78803	Radiopharmaceutical localization of tumor; tomographic (SPECT)
78805	Radiopharmaceutical localization of abscess; limited area
78806	Radiopharmaceutical localization of abscess; whole body
78807	Radiopharmaceutical localization of abscess, tomographic (SPECT)
	<u>THERAPEUTIC</u>
79000	Radiopharmaceutical therapy, hyperthyroidism; initial, including evaluation of patient
79001	Radiopharmaceutical therapy, hyperthyroidism; subsequent, each therapy
79020	Radiopharmaceutical therapy, thyroid suppression (euthyroid cardiac disease), including evaluation of patient
79030	Radiopharmaceutical ablation of gland for thyroid carcinoma
79035	Radiopharmaceutical therapy for metastases of thyroid carcinoma
79100	Radiopharmaceutical therapy, polycythemia vera, chronic leukemia, each treatment
79200	Intracavitary radioactive colloid therapy

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